Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043245.D
Acq On : 12 Dec 2023 02:47
Operator : MA/JU
Sample : 05675-08MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 12 03:20:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
H0AB0MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	11045	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	34818	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	19385	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	40313	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	27073	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	26318	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	2800	0.201	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	16499	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	35899	0.371	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	43279	3.092	ng/ul#	77
5) Naphthalene	10.862	128	40892	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	24382	0.361	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	23460	0.346	ng/ul	99
10) Acenaphthylene	14.352	152	38215	0.358	ng/ul	97
11) Acenaphthene	14.689	153	27456	0.354	ng/ul	98
12) Fluorene	15.675	166	31520	0.358	ng/ul	99
14) Pentachlorophenol	17.012	266	10177	1.139	ng/ul	98
15) Phenanthrene	17.409	178	51391	0.382	ng/ul	100
16) Anthracene	17.502	178	47336	0.388	ng/ul	99
19) Fluoranthene	19.417	202	56880	0.372	ng/ul	99
20) Pyrene	19.775	202	60144	0.397	ng/ul	99
21) Benzo(a)anthracene	21.515	228	49155	0.414	ng/ul	100
22) Chrysene	21.571	228	47991	0.383	ng/ul	100
24) Benzo(b)fluoranthene	23.211	252	44803	0.375	ng/ul	99
25) Benzo(k)fluoranthene	23.260	252	46856m	0.378	ng/ul	
26) Benzo(a)pyrene	23.839	252	39123	0.397	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.472	276	42234	0.376	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.499	278	33782	0.380	ng/ul	99
29) Benzo(g,h,i)perylene	27.236	276	34364	0.359	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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